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(54) Title: PREPARATION OF ALKYL-SUBSTITUTED 2-DEOXY-2-FLUORO-D-RIBOFURANOSYL PYRIMIDINES AND PURINES AND THEIR DERIVATIVES

(57) Abstract: The present invention provides (i) a process for preparing a 2-deoxy-2-fluoro-2-methyl-D-ribonolactone derivative, (ii) conversion of the lactone to nucleosides with potent anti-HCV activity, and their analogues, and (iii) a method to prepare the anti-HCV nucleosides containing the 2-deoxy-2-fluoro-2-C-methyl- $\beta$ -D-ribofuranosyl nucleosides from a preformed, preferably naturally-occurring, nucleoside.



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C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a		Relevant to claim No.
Α	US 5,118,820 (HERTEL) 02 June 1992 (02.06.1992	).	1-18
Α	KOTRA, L.P. "Structure-Activity Relationships of 2'-Deoxy-2',2'-difluoro-L-erythro- pentofuranosyl Nucleosides," J. Med. Chem., 1997, Vol. 40, pages 3635-3644.		1-18
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